

## **RAW SEQUENCE LISTING**

**The Biotechnology Systems Branch of the Scientific and Technical  
Information Center (STIC) no errors detected.**

Application Serial Number:

10/581,903A

Source:

IFWO

Date Processed by STIC:

11/13/2006

# ***ENTERED***



IFWO

## RAW SEQUENCE LISTING

DATE: 11/20/2006

PATENT APPLICATION: US/10/581,903A

TIME: 10:36:02

Input Set : A:\21910-16-Revised\_Seq\_List\_12910.ST25.txt

Output Set: N:\CRF4\11202006\J581903A.raw

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3 <110> APPLICANT: Consejo Superior de Investigaciones Cientificas, Dept. of
4     Immunology & Oncology
6 <120> TITLE OF INVENTION: PREVENTION OF HIV-1 INFECTION BY INHIBITION OF Rho-MEDIATED
7     REORGANIZATION AND/OR CONTENT ALTERATION OF CELL MEMBRANE RAFT
8     DOMAINS
10 <130> FILE REFERENCE: 21910/00016US2
C--> 12 <140> CURRENT APPLICATION NUMBER: US/10/581,903A
C--> 12 <141> CURRENT FILING DATE: 2006-06-07
12 <150> PRIOR APPLICATION NUMBER: US 60/466,429
13 <151> PRIOR FILING DATE: 2003-04-30
15 <160> NUMBER OF SEQ ID NOS: 21
17 <170> SOFTWARE: PatentIn version 3.3
19 <210> SEQ ID NO: 1
20 <211> LENGTH: 24
21 <212> TYPE: DNA
22 <213> ORGANISM: Artificial
24 <220> FEATURE:
25 <223> OTHER INFORMATION: synthetic construct
27 <400> SEQUENCE: 1
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31 <210> SEQ ID NO: 2
32 <211> LENGTH: 24
33 <212> TYPE: DNA
34 <213> ORGANISM: Artificial
36 <220> FEATURE:
37 <223> OTHER INFORMATION: synthetic construct
39 <400> SEQUENCE: 2
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44 <211> LENGTH: 24
45 <212> TYPE: DNA
46 <213> ORGANISM: Artificial
48 <220> FEATURE:
49 <223> OTHER INFORMATION: synthetic construct
51 <400> SEQUENCE: 3
52 gcaacggtac cgctctgtcc attg                                     24
55 <210> SEQ ID NO: 4
56 <211> LENGTH: 24
57 <212> TYPE: DNA
58 <213> ORGANISM: Artificial
60 <220> FEATURE:
61 <223> OTHER INFORMATION: synthetic construct
63 <400> SEQUENCE: 4

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64 ctactcgagg ttcttaagcc gccca                                     24
67 <210> SEQ ID NO: 5
68 <211> LENGTH: 31
69 <212> TYPE: PRT
70 <213> ORGANISM: Artificial
72 <220> FEATURE:
73 <223> OTHER INFORMATION: synthetic construct
75 <400> SEQUENCE: 5
77 Gly Thr Ala Leu Ser Ile Val Leu Pro Ile Val Leu Leu Val Phe Leu
78 1           5           10           15
81 Cys Leu Gly Val Phe Leu Leu Trp Lys Asn Trp Arg Leu Lys Asn
82           20           25           30
85 <210> SEQ ID NO: 6
86 <211> LENGTH: 53
87 <212> TYPE: DNA
88 <213> ORGANISM: Artificial
90 <220> FEATURE:
91 <223> OTHER INFORMATION: synthetic construct
93 <400> SEQUENCE: 6
94 ctgtacaagc ttaacggatc caagcttcag cggccgcacc aagctctggg cga       53
97 <210> SEQ ID NO: 7
98 <211> LENGTH: 30
99 <212> TYPE: DNA
100 <213> ORGANISM: Artificial
102 <220> FEATURE:
103 <223> OTHER INFORMATION: synthetic construct
105 <400> SEQUENCE: 7
106 cttgtacagg ttcttaagcc gccagttctt                               30
109 <210> SEQ ID NO: 8
110 <211> LENGTH: 36
111 <212> TYPE: PRT
112 <213> ORGANISM: Artificial
114 <220> FEATURE:
115 <223> OTHER INFORMATION: synthetic construct
117 <400> SEQUENCE: 8
119 Tyr Thr Ser Leu Ile His Ser Leu Ile Glu Glu Ser Gln Asn Gln Gln
120 1           5           10           15
123 Glu Lys Asn Glu Gln Glu Leu Leu Glu Leu Asp Lys Trp Ala Ser Leu
124           20           25           30
127 Trp Asn Trp Phe
128           35
131 <210> SEQ ID NO: 9
132 <211> LENGTH: 45
133 <212> TYPE: PRT
134 <213> ORGANISM: Artificial
136 <220> FEATURE:
137 <223> OTHER INFORMATION: synthetic construct
139 <400> SEQUENCE: 9
141 Met Glu Arg Asp Arg Glu Ile Asn Asn Tyr Thr Ser Leu Ile His Ser

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142 1          5          10          15
145 Leu Ile Glu Glu Ser Gln Asn Gln Gln Glu Lys Asn Glu Gln Glu Leu
146          20          25          30
149 Leu Glu Leu Asp Lys Trp Ala Ser Leu Trp Asn Trp Phe
150          35          40          45
153 <210> SEQ ID NO: 10
154 <211> LENGTH: 29
155 <212> TYPE: PRT
156 <213> ORGANISM: Artificial
158 <220> FEATURE:
159 <223> OTHER INFORMATION: synthetic construct
161 <400> SEQUENCE: 10
163 Leu Ile Glu Glu Ser Gln Asn Gln Gln Glu Lys Asn Glu Gln Glu Leu
164 1          5          10          15
167 Leu Glu Leu Asp Lys Trp Ala Ser Leu Trp Asn Trp Phe
168          20          25
171 <210> SEQ ID NO: 11
172 <211> LENGTH: 31
173 <212> TYPE: PRT
174 <213> ORGANISM: Artificial
176 <220> FEATURE:
177 <223> OTHER INFORMATION: synthetic construct
179 <400> SEQUENCE: 11
181 His Ser Leu Ile Glu Glu Ser Gln Asn Gln Gln Glu Lys Asn Glu Gln
182 1          5          10          15
185 Glu Leu Leu Glu Leu Asp Lys Trp Ala Ser Leu Trp Asn Trp Phe
186          20          25          30
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190 <211> LENGTH: 33
191 <212> TYPE: PRT
192 <213> ORGANISM: Artificial
194 <220> FEATURE:
195 <223> OTHER INFORMATION: synthetic construct
197 <400> SEQUENCE: 12
199 Leu Ile His Ser Leu Ile Glu Glu Ser Gln Asn Gln Gln Glu Lys Asn
200 1          5          10          15
203 Glu Gln Glu Leu Leu Glu Leu Asp Lys Trp Ala Ser Leu Trp Asn Trp
204          20          25          30
207 Phe
211 <210> SEQ ID NO: 13
212 <211> LENGTH: 35
213 <212> TYPE: PRT
214 <213> ORGANISM: Artificial
216 <220> FEATURE:
217 <223> OTHER INFORMATION: synthetic construct
219 <400> SEQUENCE: 13
221 Thr Ser Leu Ile His Ser Leu Ile Glu Glu Ser Gln Asn Gln Gln Glu
222 1          5          10          15
225 Lys Asn Glu Gln Glu Leu Leu Glu Leu Asp Lys Trp Ala Ser Leu Trp

```

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226          20          25          30
229 Asn Trp Phe
230          35
233 <210> SEQ ID NO: 14
234 <211> LENGTH: 29
235 <212> TYPE: PRT
236 <213> ORGANISM: Artificial
238 <220> FEATURE:
239 <223> OTHER INFORMATION: synthetic construct
241 <400> SEQUENCE: 14
243 Leu Ile His Ser Leu Ile Glu Glu Ser Gln Asn Gln Gln Glu Lys Asn
244 1          5          10          15
247 Glu Gln Glu Leu Leu Glu Leu Asp Lys Trp Ala Ser Leu
248          20          25
251 <210> SEQ ID NO: 15
252 <211> LENGTH: 69
253 <212> TYPE: PRT
254 <213> ORGANISM: Artificial
256 <220> FEATURE:
257 <223> OTHER INFORMATION: synthetic construct
259 <400> SEQUENCE: 15
261 Tyr Thr Ser Leu Ile His Ser Leu Ile Glu Glu Ser Gln Asn Gln Gln
262 1          5          10          15
265 Glu Lys Asn Glu Gln Glu Leu Leu Glu Leu Asp Lys Trp Ala Ser Leu
266          20          25          30
269 Trp Asn Trp Phe Tyr Asp Pro Arg Pro Ser Ser Gly His Ser Arg Tyr
270          35          40          45
273 Ala Leu Ile Pro Ile Pro Leu Ala Val Ile Thr Thr Cys Ile Val Leu
274          50          55          60
277 Tyr Met Asn Val Leu
278 65
281 <210> SEQ ID NO: 16
282 <211> LENGTH: 5
283 <212> TYPE: PRT
284 <213> ORGANISM: Artificial
286 <220> FEATURE:
287 <223> OTHER INFORMATION: synthetic construct
289 <400> SEQUENCE: 16
291 Ile Ser Tyr Glu Leu
292 1          5
295 <210> SEQ ID NO: 17
296 <211> LENGTH: 3
297 <212> TYPE: PRT
298 <213> ORGANISM: Artificial
300 <220> FEATURE:
301 <223> OTHER INFORMATION: synthetic construct
303 <400> SEQUENCE: 17
305 Tyr Glu Leu
306 1

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Input Set : A:\21910-16-Revised\_Seq\_List\_12910.ST25.txt

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309 <210> SEQ ID NO: 18
310 <211> LENGTH: 5
311 <212> TYPE: PRT
312 <213> ORGANISM: Artificial
314 <220> FEATURE:
315 <223> OTHER INFORMATION: synthetic construct
317 <400> SEQUENCE: 18
319 Phe Ser Tyr Glu Leu
320 1 5
323 <210> SEQ ID NO: 19
324 <211> LENGTH: 6
325 <212> TYPE: PRT
326 <213> ORGANISM: Artificial
328 <220> FEATURE:
329 <223> OTHER INFORMATION: synthetic construct
331 <400> SEQUENCE: 19
333 Thr Val Ser Tyr Glu Leu
334 1 5
337 <210> SEQ ID NO: 20
338 <211> LENGTH: 6
339 <212> TYPE: PRT
340 <213> ORGANISM: Artificial
342 <220> FEATURE:
343 <223> OTHER INFORMATION: synthetic construct
345 <400> SEQUENCE: 20
347 Gln Val Ser Gln Asn Tyr
348 1 5
351 <210> SEQ ID NO: 21
352 <211> LENGTH: 17
353 <212> TYPE: PRT
354 <213> ORGANISM: Artificial
356 <220> FEATURE:
357 <223> OTHER INFORMATION: synthetic construct
359 <400> SEQUENCE: 21
361 Met Gly Cys Gly Cys Ser Ser His Pro Glu Asp Asp Ile Ser Tyr Glu
362 1 5 10 15
365 Leu

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RAW SEQUENCE LISTING ERROR SUMMARY      DATE: 11/20/2006  
PATENT APPLICATION: US/10/581,903A      TIME: 10:36:03

Input Set : A:\21910-16-Revised\_Seq\_List\_12910.ST25.txt  
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Invalid <213> Response:

Use of "Artificial" only as "<213> Organism" response is incomplete,  
per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21

**VERIFICATION SUMMARY**

DATE: 11/20/2006

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TIME: 10:36:03

Input Set : A:\21910-16-Revised\_Seq\_List\_12910.ST25.txt

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L:12 M:270 C: Current Application Number differs, Replaced Current Application No

L:12 M:271 C: Current Filing Date differs, Replaced Current Filing Date

**STATISTICS SUMMARY**

PATENT APPLICATION: US/10/581,903A

DATE: 11/20/2006

TIME: 10:36:03

Input Set : A:\21910-16-Revised\_Seq\_List\_12910.ST25.txt

Output Set: N:\CRF4\11202006\J581903A.raw

Application Serial Number: US/10/581,903A

Alpha or Numeric or Xml: Numeric

Application Class:

Application File Date: 06-07-2006

Art Unit: IFWO

Software Application: PatentIN3.3

Total Number of Sequences: 21

Total Nucleotides: 179

Total Amino Acids: 380

Number of Errors: 0

Number of Warnings: 0

Number of Corrections: 2

**MESSAGE SUMMARY**

270 C: 1 (Current Application Number differs)

271 C: 1 (Current Filing Date differs)